

Peel Healthy Development Index

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Region of Peel – Public Health

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Peel's Structure



- Corporate Services
- Employee & Business Services
- Human Services

- Health Services:
 - Public Health:
 - Chronic Disease and Injury Prevention

- Public Works:
 - Development Services
 - Transportation Planning



- Transportation & Works Department
- Planning & Building Department:
 - Development & Design
 - Policy Planning



- Planning, Design & Development Department:
 - Community Design, Parks & Development
 - Planning Policy & Growth Management
- Works & Transportation Department



- Development Approval & Planning Policy Department:
 - Building & Support Services
 - Policy & Sustainability
- Public Works Department

Peel's Context

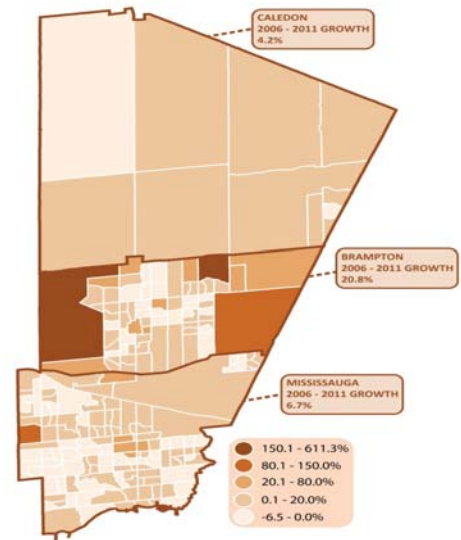
- Rapid Growth – 20,000 people each year
- Uneven Growth:

Population growth from 2006 – 2011:

- Caledon – 4.2%
- Brampton – 20.8%
- Mississauga 6.7%

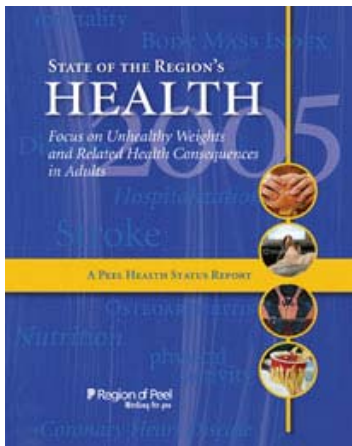
- **Unique Challenges:**
 - Greenfield (Brampton)
 - Intensification (Mississauga)
 - Rural (Caledon)
- More vehicle trips
- Increasing single occupant vehicle trips
- Increasing physical inactivity levels

PEEL POPULATION GROWTH BY CENSUS TRACT 2006-2011



3

History – A Peel Health Status Report



- In 2005, Peel Public Health released the State of Region's Health Report which focused on unhealthy weights and associated health consequences among adults
- The report highlighted the impact of the built environment on health
- Council embraced recommendations in the report and provided Resolutions for Planning and Health to collaborate.

4

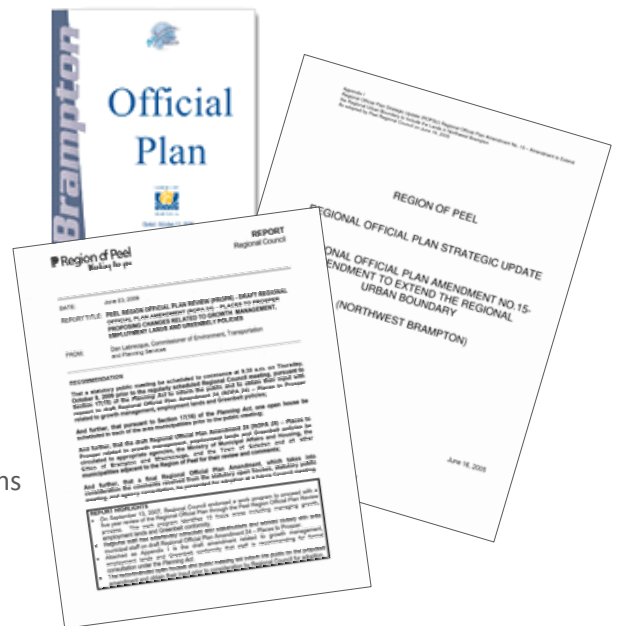
History – Council Direction

2005

- Comment on development applications
- Develop planning policies for active living
- Advocate for provincial policy

2008

- Develop policy for Regional Official Plan
- Develop policy for Municipal Secondary Plans
- Advocate for provincial policy



Development of Peel's Healthy Development Index

Collaboration with Peel Planning led to **narrative**, mostly qualitative comments on secondary and block plans



Peel Public Health identified the need for an **evidence-based quantitative tool** for evaluating development applications



Healthy Development Index (HDI)
(St. Michael's Hospital, 2009)
Evidence-based **elements** & quantitative **measures**

Development of Peel Healthy Development Index (HDI)

Purpose:

To evaluate development applications in a consistent manner and provide health-based rationale to inform planning decisions.

Process:

1. Review of academic and grey literature
2. Strength of evidence analysis
3. Extensive stakeholder consultation
4. Policy gap analysis
5. Geographic Information Systems (GIS)-based validation analyses



Peel Healthy Development Index (HDI)

Output:

Index consisting of **seven** built environment **elements**:

- Density
- Proximity to services and transit
- Land use mix
- Street connectivity
- Road network and sidewalk characteristics
- Parking
- Aesthetics and human scale



Elements are further broken down into **measures**, many of which are quantitative

Peel Healthy Development Index (HDI) – Example

2. a. Proximity to a Variety of Services and Employment – Prerequisite:

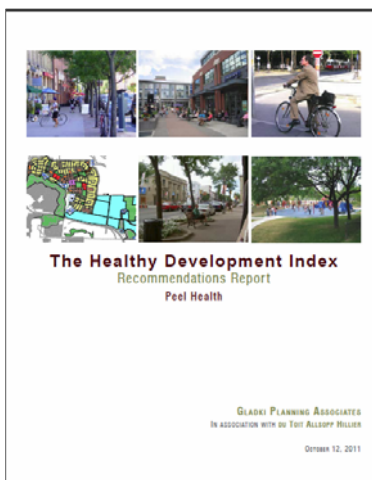
- ❖ $\geq 75\%$ of residential units must be within $\leq 800\text{m}$ of ≥ 5 neighbourhood public services*
- ❖ $\geq 75\%$ of residential units must be within $\leq 800\text{m}$ of ≥ 7 neighbourhood retail services**
- ❖ The centre of primarily residential communities must be within $\leq 800\text{m}$ of the same number of full- and part-time jobs as 50% of the total number of residential dwelling units in the community.
- ❖ The centre of primarily non-residential communities must be within $\leq 800\text{m}$ of the same number of residential units as 50% of the total number of full- and part-time jobs in the community.
- ❖ *We may want to include another option of being able to access sufficient numbers of jobs using transit.*

The **elements** and **measures** were developed based upon associations documented in the literature, after strength of **evidence** analysis.

CLASP 1.0 Projects



Healthy Development Index Refinement



Health Background Study



Health Background Study



Rational

Description of the Core Elements and provide why it is important from a community health perspective

Objective

Statement of desired development objective

Standards

Minimum development standards to be achieved by the proposed development

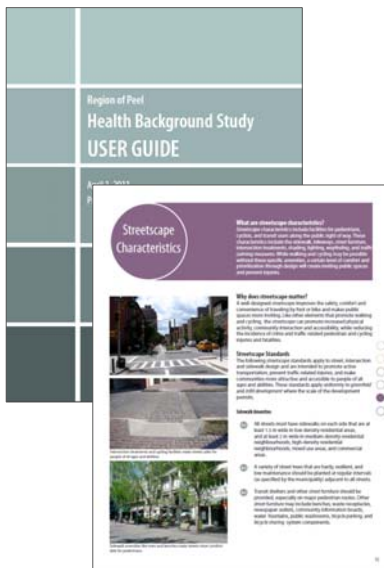
Key Questions

List of key questions that should be considered in the planning and preparation of the development

Reporting/Content Requirements

Description of the minimum reporting

Health Background Study- User Guide



What is it?

Description of the Core Element

Why does it matter?

Why it is important from a community health perspective

What does it look like?

How the desired form of the Element can be achieved

Standards

Minimum standards for development, as identified in the Health Background Study Terms of Reference

Resources

Additional resources

Peel's Healthy Development Index (HDI): Implementation Issues

- One size does not fit all; the HDI is **reference document**
- Health uses **support from planners, engineers** and **management staff** for successful implementation
- Most readily applied to **greenfield** development
- HDI needs to be **coupled** with existing processes, tools, policies and resources (e.g., Provincial Policy Statement Review process, Official Plan amendment, Engineering standards)
- Leadership needs to have vision and courage.



13

Successes – Peel's Healthy Development Index (HDI)

Area Municipal Council Resolutions:

Town of Caledon to reference Peel Public Health's Health Development Index (HDI) in settlement area expansion studies, transportation studies, community improvement plans, and planning of roads, trails and parks. (February 14th, 2012)

City of Mississauga to reference Peel Public Health's Health Development Index (HDI) and consult Public Health Staff in further community studies and local area plans; and to create a Health Background Study Terms of Reference for Mississauga. (May 9th, 2012)

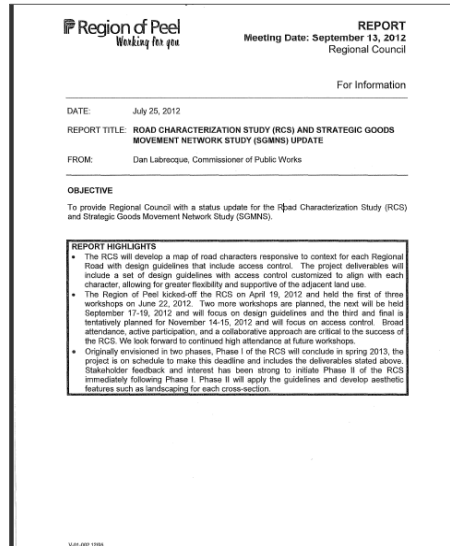
City of Brampton to reference Peel Public Health's Health Development Index (HDI) and consult Public Health staff in future transportation studies, urban design guideline studies, community improvement plans, block plans, future community planning studies. (June 6th, 2012)

14

Successes - Peel's Healthy Development Index (HDI)

At a **Regional** level, applied the HDI to:

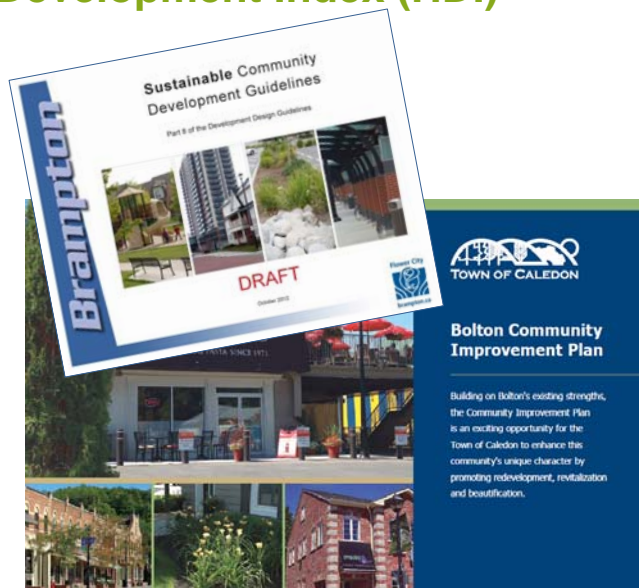
- Regional Active Transportation Plan
- Regional Environmental Assessment process
- Regional Road Characterization Study
- Regional Road Strategic Network Study
- Regional Sustainable Development Guidelines
- Regional Accessibility Study
- Regional Official Plan Review



Successes – Peel's Healthy Development Index (HDI)

At a **Municipal** level, applied the HDI to:

- City of Brampton Sustainable Development Design Guidelines
- Town of Caledon Community Improvement Plans
- Town of Caledon's Settlement Boundary Expansion Studies
- Development of an Impact Statement Framework for development applications in the City of Mississauga
- Local Environmental Assessments
- Municipal Secondary and Block Plans



Next Steps

- Continue to work closely with Planners and Engineers to integrate the HDI into planning and engineering tools and projects
- 2013-14 Official Plan Amendment
- Continue to advocate for stronger policies at all levels of government
- Develop a “lead by example” approach in Regional buildings, for example, stair prompts, active space and cafeteria food



17

FOR MORE INFORMATION:

www.healthypeelbydesign.ca

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 **Region of Peel**
Working for you

**CLASP**
COALITIONS LINKING ACTION
& SCIENCE FOR PREVENTION

**HEALTHY CANADA**
by design

 CANADIAN PARTNERSHIP
AGAINST CANCER  PARTENARIAT CANADIEN
CONTRE LE CANCER

18